PN01-407-01-7

PN01-438-1-13

PN01-0511-02-29

Direct Push Waste Zone Visual Probe– Type B Probe

Problem
INEEL's Radioactive Waste Management Complex remediation project needed to visually inspect buried waste without exposing workers to transuranic or hazardous contaminants.

Baseline Technology
Corehole drilling with extensive contamination control to retrieve samples for visual examination.

Innovative Technology
The Direct Push Waste Zone Visual Probe is a hollow transparent tube driven into buried waste to visually inspect materials surrounding the tube using a video camera.

Comparison
This Type B probe is inserted into the waste zone and left in place to help document subsurface conditions and eliminate the retrieval of physical samples for visual examination.

Benefits
Use of the visual probe and other Type B probes, collectively increase worker safety by avoiding risks associated with handling waste materials, and could save the project an estimated $8.5 million by eliminating the need for coring sample retrieval.

ENVIRONMENTAL RESTORATION PROGRAM

Project: ID-ER-107
Radioactive Waste Management Complex Remediation